

# FIGURES

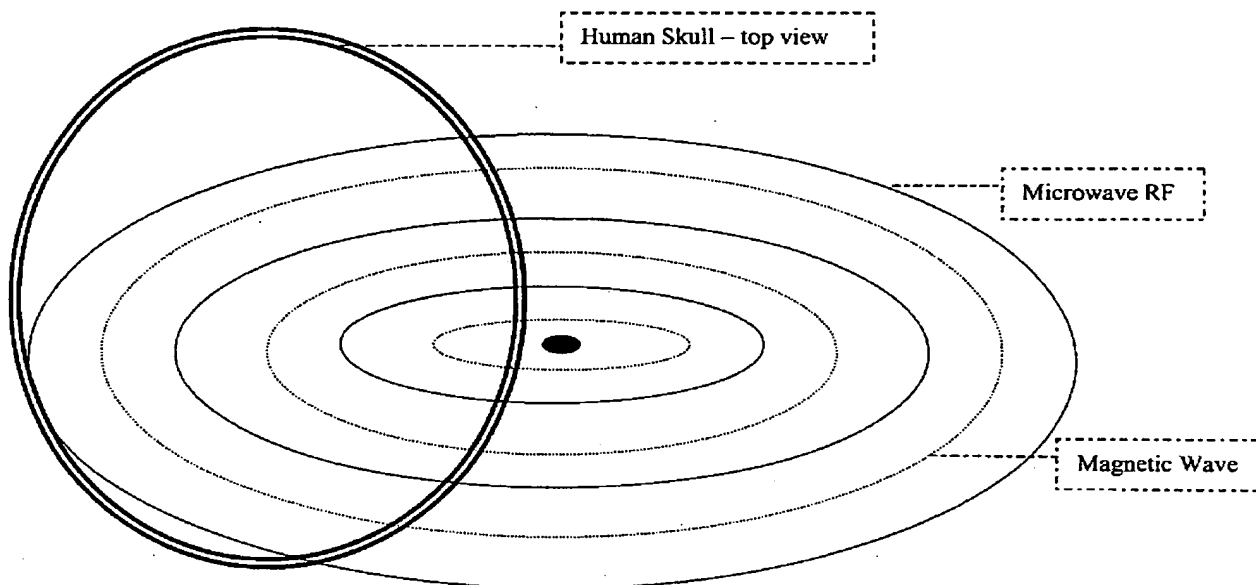


Figure 1

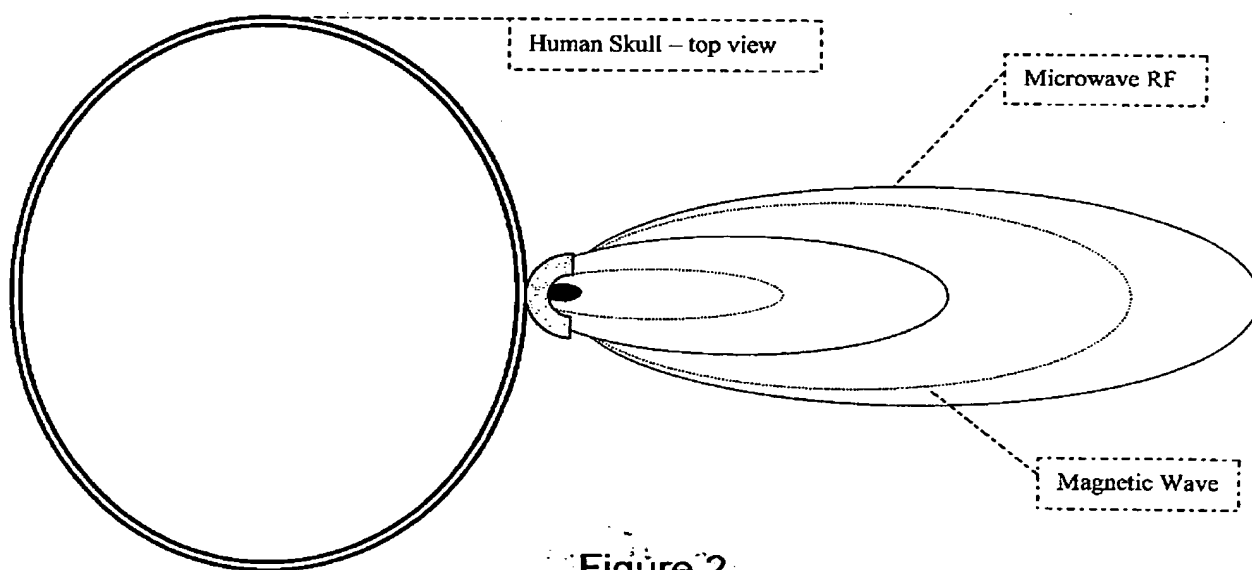



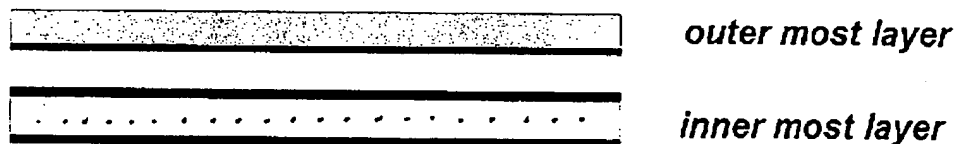


Figure 2

-  **Part 1**    **Lead/Gold - 1/2"x1"x.006"**
- Part 2**    **Solid Copper - 1/2"x1"x.003"**
-  **Part 3**    **Copper Fabric - 1/2"x1"x.006**
-  **Flexible non-conductive adhesive**



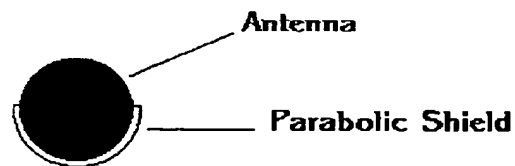
***Edge View of layers***

***Figure 3***

### Orientation

Top down view of antenna

Area away from your head



Area of cellular telephone held nearest your head. Note: Parabolic Shield wrapped around half of antenna closest to head.

Figure 4

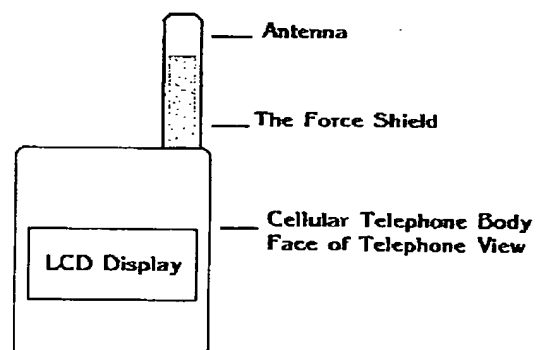


Figure 5

American Telecom Devices FCC ID: HDT56ZF1 – AMPS Head SAR  
SAM Phantom; Flat Section; Probe:ET3DV6 - SN1677; ConvF(6.40,6.40,6.40)  
Med. Parameters 835 MHz Muscle:  $\sigma = 0.99 \text{ mho/m}$   $\epsilon_r = 56.1$   $\rho = 1.00 \text{ g/cm}^3$ ; Antenna  
Position -- In; Crest Factor 1.0  
**SAR (1g): 4.11 mW/g, SAR (10g): 2.38 mW/g**

Motorola TriMode Phone Model: StarTac  
AMPS Mode, Ch.0383 [836.49MHz]; Standard Battery; Ambient Temp. = 19.9°C /  
Meas. Tissue Temp. = 19.1 °C  
Conducted Power=24.5dBm; 0.0cm from back (antenna side) of EUT to flat phantom,  
No Belt Clip/No Holster  
Test Date – 11/12/2002 [FCC/OET Bulletin 65 - Supplement C, July 2001]

Figure 6

American Telecom Devices FCC ID: HDT56ZF1 – AMPS Head SAR  
SAM Phantom; Flat Section; Probe:ET3DV6 - SN1677; ConvF(6.40,6.40,6.40)  
Med. Parameters 835 MHz Muscle:  $\sigma = 0.99 \text{ mho/m}$   $\epsilon_r = 56.1$   $\rho = 1.00 \text{ g/cm}^3$ ;  
Antenna Position -- In; Crest Factor 1.0  
**SAR (1g): 0.648 mW/g, SAR (10g): 0.327 mW/g**

Motorola TriMode Phone Model: StarTac  
AMPS Mode, Ch.0383 [836.49MHz]; Standard Battery; Ambient Temp. = 19.9°C /  
Meas. Tissue Temp. = 19.1°C  
Conducted Power = 24.5dBm; 0.0cm from back (antenna side) of EUT to flat phantom,  
No Belt Clip/No Holster  
Test Date – 11/12/2002 [FCC/OET Bulletin 65 - Supplement C, July 2001]

Figure 7